

# BAS70WT THRU BAS70WT-06

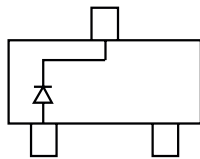
## 200mW Schottky Barrier Rectifiers 70 Volts

### Features

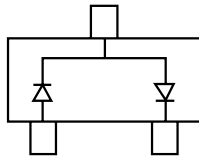
- Low Turn-on Voltage
- Fast Switching
- Ultra-Small Surface Mount Package
- Forward Continuous Current: 70mA @ Ta= 25°C
- Operating Temperature Range Tj: -55 to +125°C
- Storage Temperature Range Tstg: -65 to +150°C

### Mechanical Data

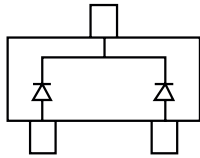
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Marking Code: BAS70WT=K73  
 BAS70WT-04=K74  
 BAS70WT-05=K75  
 BAS70WT-06=K76



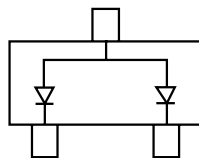
BAS70WT



BAS70WT-04

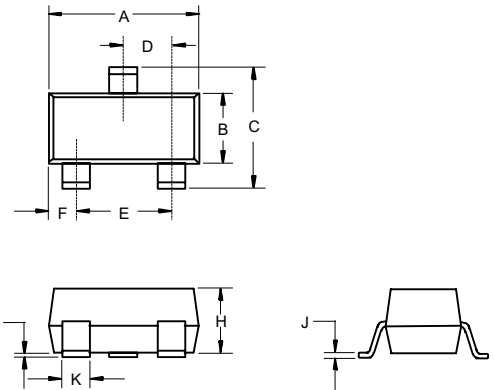


BAS70WT-05



BAS70WT-06

### SOT-323

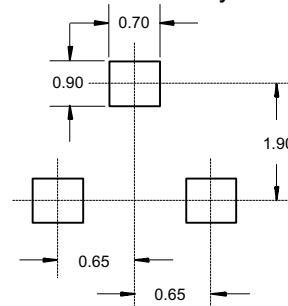


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.071	.087	1.80	2.20	
B	.045	.053	1.15	1.35	
C	.079	.087	2.00	2.20	
D	.026 Nominal		0.65Nominal		
E	.047	.055	1.20	1.40	
F	.012	.016	.30	.40	
G	.000	.004	.000	.100	
H	.035	.039	.90	1.00	
J	.004	.010	.100	.250	
K	.012	.016	.30	.40	

### Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Typ	Max	Units
V <sub>(BR)R</sub>	Reverse Breakdown Voltage (I <sub>R</sub> =10uAdc)	70	---	---	V
V <sub>F</sub>	Forward Voltage I <sub>F</sub> =1.0mAdc I <sub>F</sub> =15mAdc	---	---	410 1000	mV
I <sub>R</sub>	Leakage Current (V <sub>R</sub> =50Vdc)	---	---	100	nA
C <sub>D</sub>	Junction Capacitance (V <sub>R</sub> =0, f=1.0MHz)	---	---	2.0	pF
t <sub>rr</sub>	Reverse Recovery Time (I <sub>F</sub> =10mA through I <sub>R</sub> =10mA to I <sub>R</sub> =1.0mA)	---	---	5.0	ns

### Suggested Solder Pad Layout





Micro Commercial Components

### Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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